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⑪ Publication number:

0 212 755
A3

⑫

EUROPEAN PATENT APPLICATION

⑬ Application number: **86201425.5**

⑮ Int. Cl.4: **C01B 3/02**

⑭ Date of filing: **15.08.86**

⑯ Priority: **30.08.85 GB 8521608**

⑰ Date of publication of application:
04.03.87 Bulletin 87/10

⑱ Designated Contracting States:
AT BE DE FR GB IT NL

⑲ Date of deferred publication of the search report:
03.01.90 Bulletin 90/01

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㉓ Process and apparatus for producing synthesis gas.

㉔ A process for producing synthesis gas by catalytic reforming of hydrocarbons with steam in a reaction zone which is subjected to heat exchange with a combustion gas and recycling heat exchanged combustion gas to a combustion zone. The invention further relates to an apparatus suitable for said process.

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EP 86 20 1425

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US-A-3 582 296 (S. UMANO et al.) * claim 1 * ---	1	C 01 B 3/02
A	US-A-4 315 893 (R. A. MCCALLISTER) * column 3, lines 8-37 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C 01 B 3/00
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
BERLIN	28-09-1989	CLEMENT J.P.	
CATEGORY OF CITED DOCUMENTS			
<p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p>			
<p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p>			
<p>& : member of the same patent family, corresponding document</p>			